

(B) IN THE CLAIMS

1. (Original) An RF coil assembly, comprising:

an RF coil, and

a means for cooling the RF coil.

2. (Cancelled)

3. (Cancelled)

4. (Original) The RF coil assembly of claim 1 wherein the means

for cooling comprises:

a patient bore enclosure, and

a plurality of longitudinal cooling tubes attached to exterior of the patient bore enclosure.

5. (Original) The RF coil assembly of claim 1 wherein the means

for cooling comprises:

a patient bore enclosure, and

a continuous cooling tube attached to the patient bore enclosure, said cooling tube being wound in the general shape of a helix.

6. (Cancelled)

7. Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)